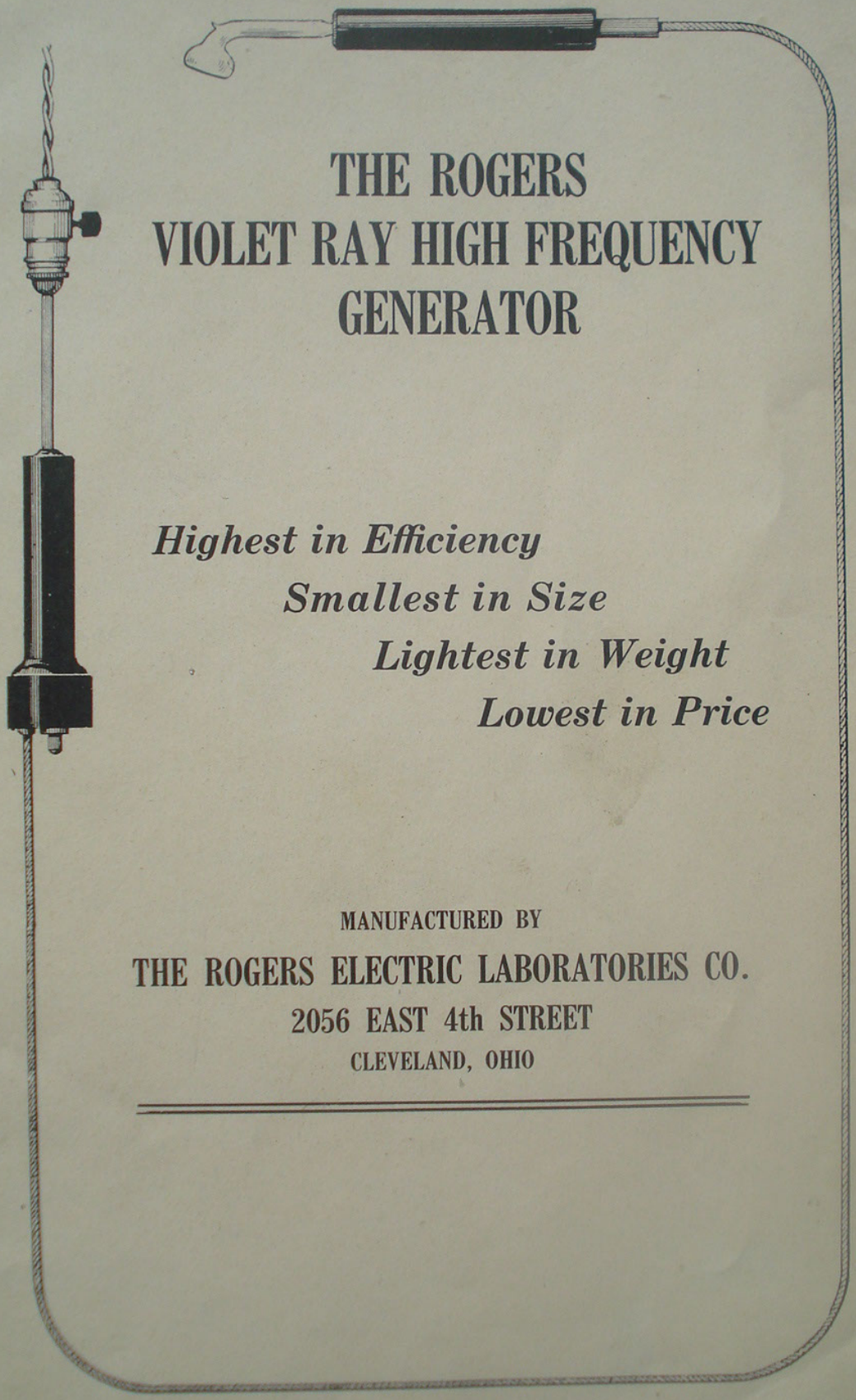

THE ROGERS VIOLET RAY HIGH FREQUENCY GENERATOR

Highest in Efficiency
Smallest in Size
Lightest in Weight
Lowest in Price

MANUFACTURED BY

THE ROGERS ELECTRIC LABORATORIES CO.
2056 EAST 4th STREET
CLEVELAND, OHIO

(C) Jeff Behary 2021

ELECTRICITY IS LIFE

ELECTRICITY is a force in nature which scientists have, as yet, been unable to define. Some have said that electricity is life. We know that our bodies are charged with electricity and in the continuous struggle of the body against disease, electricity is always fighting on the side of health. It always operates toward the normal and against the abnormal and thus supernormal as well as subnormal conditions excite its antagonism. *It is the great equiliberator.*

MIND AND BODY

Undefinable as is this force, it is unquestionably the most rational and logical therapeutic agent that man has at his command. One of our quaint humorists has said: "If I was a doctor, I'd treat the patient and fergit the disease." This states the extreme metaphysician's view, but the physicist is also liable to go to extremes by dealing only with inanimate things and ignoring the patient's mental attitude. Electricity is the one remedy that both can use because it treats both the patient and the disease. That electricity by the high frequency violet ray method does invoke favorable mental forces is natural because its application is pleasant to the patient and quick in its manifestations. But that it will accomplish results independent of this is shown by the fact that the long list of its successes in the treatment of many ills and diseases has been established largely by results incidental to a result sought for, as for instance in the discovery that it restored gray hair to its natural color when it was being applied for another purpose and when no such outcome was anticipated.

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THE GREAT CURATIVE AGENT

Nothing in the science of therapeutics has proven as valuable to the physician and suffering humanity as the development of high frequency electricity and no device has harnessed and directed this marvelous force as efficiently, conveniently, and economically, as The Rogers Violet Ray High Frequency Generator.

WHAT HIGH FREQUENCY MEANS

The tendency of electricity to restore and maintain the natural equilibrium has long been understood, but to apply the treatment in an agreeable form and without injurious effects has been the problem. Before describing the operation of The Rogers Violet Ray High Frequency Generator, the terminology should be first considered.

Voltage in electricity means *force.*

Amperage means *volume.*

Frequency means the *oscillations or vibrations per second.*

Scientific research has determined that the body does not require a large volume of electricity to yield up its ills, but a strong force which will seek out and rescue every cell from the ailment with which it is struggling. This must be done in such a way as to prevent pain or muscular contraction. These objects have been perfectly accomplished by The Rogers Violet Ray High Frequency Generator through the following processes:

1st. Beginning with the ordinary illuminating voltage (110) the generator intensifies it until it mounts into the hundreds of thousands while at the same time consuming only about one-quarter of the current required in a 16 candle-power lamp. This gives the desired force.

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2nd. The amperage (volume) is reduced from one-half to an infinitesimal fraction. This reduces the quantity to the proper degree.

3rd. The frequency is increased from 120 oscillations in alternating current (no oscillations in direct current) to several millions per second from either direct or alternating current. This eliminates pain and muscular contraction.

THE PRINCIPLE

The reason that the sensory nerves do not comprehend the electric current under the high frequency principle is the same that makes it impossible for the eye to see very rapid motion, or the ear to distinguish high sound vibrations.

We quote from the work of one of the foremost electro-therapeutists in the country the following statements of effects resulting from the application of high frequency currents:

1. Increase of blood supply to objective point.
2. General increase in oxidation and local nutrition.
3. Increase oxygen in blood.
4. Increase absorbtion of oxygen.
5. Increase in expulsion of carbon dioxide.
6. Increase secretions.
7. Increase elimination of waste products.
8. Injection of ozone through lungs and tissues.
9. Locally germicidal.
10. Increase in bodily heat without increase in temperature.
11. Soothing or stimulating according to character and length of treatment.
12. Caustic when strong sparks are applied.
13. Arterial tension increased by spinal spark application.

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14. Absorption of plastic exudates promoted.

These effects are mainly local, yet apply to a lesser degree to the whole system as the current traverses the whole body.

It may be seen from the above what a wide range of uses high frequency has. In fact it still remains for its limits to be established. It may be briefly stated as a cellular massage.

The study of high frequency is endless as each day brings new revelations, but simple tests will quickly establish its merits. Pain can be promptly relieved or greatly alleviated. The air is quickly purified and the ozone is very perceptible. Water may be purified by a moment's contact. Warts, moles, etc., may be promptly and effectually removed.

It can be stated with assurance that high frequency is absolutely indispensable to the physician, for while no cure-all claims are asserted to excite prejudice, it may be safely declared that this modality is a help-all and a cure-much. It may be applied independently or in connection with medicinal dosage because it prepares the body to receive the help which the medicine offers, and it may be applied to force surface applications (cotaphorisis) through the tissues direct to the objective organ, thus avoiding the roundabout method of medication through the stomach.

THE ROGERS IS THE BEST

The Rogers Violet Ray High Frequency Generator is the best. No other generator is as simple, none is so light and handy, none is so efficient, none is so free from shocks, none is so pleasing to both practitioner and patient because none other operates without the hissing, sputtering spark gap and none is as low priced. *Experience has shown that the*

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Rogers, because of the elimination of the spark gap, produces a smoother and more efficient current than any other machine and is daily curing ills that other machines do not reach. It does not produce the ordinary high frequency current, but one of greater frequency and potentiality.

The Rogers Violet Ray High Frequency Generator is absolutely harmless; its application is most exhilarating to the body and the violet ray emitted from the electrode is most pleasing to the eye as well as having a great therapeutic value.

The chart, on insert, covers such diseases as have been successfully treated as reported from various sources. Because of the absence of any danger of harmful effects, we recommend that the Rogers Violet Ray High Frequency Generator be given the widest range of application to the end that its beneficent effects be permitted to search out and combat the most subtle and stubborn of human ills.

THE ROGERS VIOLET RAY HIGH FREQUENCY GENERATOR IN DENTISTRY

In pyorrhea, or any pains, inflammation or swelling of the gums the dentist finds the Rogers Violet Ray High Frequency Generator very valuable, as it not only gives relief to the patient but saves time and avoids annoying postponements in appointments. Electrodes Nos. 8 and 9 are especially designed for dental work and are insulated so that sparks do not jump to lips or tongue but allow a smooth current to pass directly to the area treated.

The accompanying cut shows the Rogers Violet Ray High Frequency Generator connected to the socket, and also the proper name of each part of the complete outfit.

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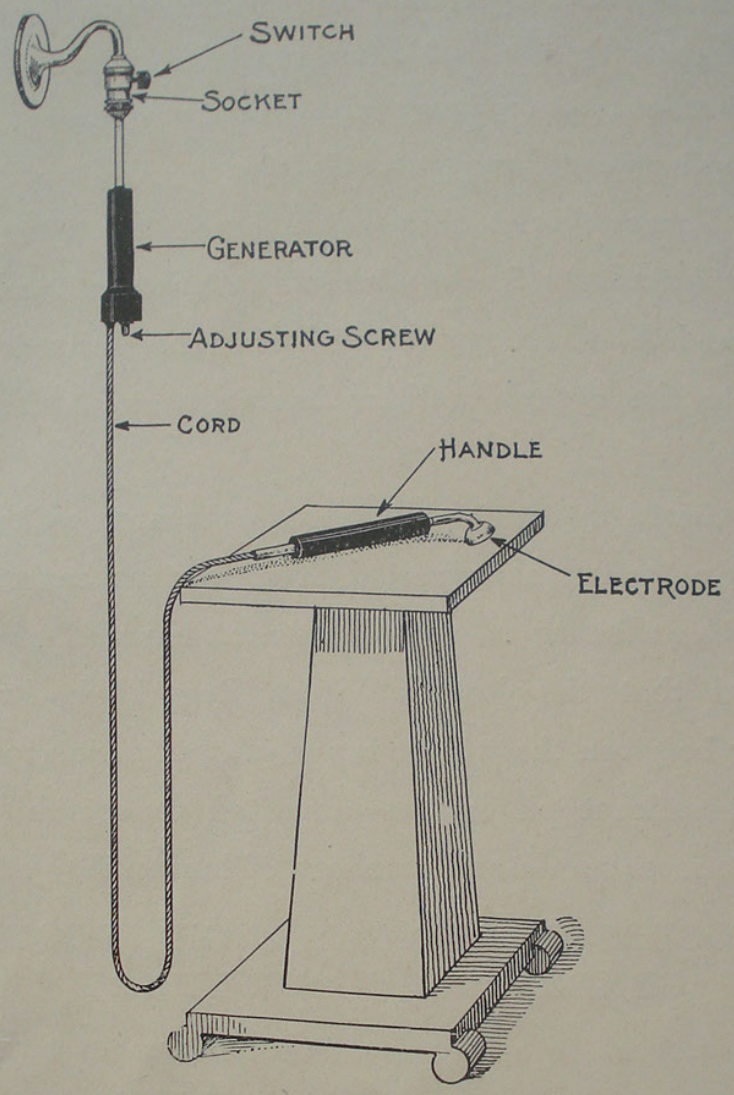
GENERATOR AND CONNECTING PARTS



The simplicity of the Rogers Violet Ray High Frequency Generator is apparent in the above drawing. It may be attached to any electric lamp socket on either direct or alternating current not exceeding 120 volts. There is nothing to get out of order while fulfilling its function and with ordinary care it will give good service for an indefinite period.

Complete directions for operating are supplied with each machine.

The Rogers Violet Ray High Frequency Generator is guaranteed. But no guarantee can be made for the glass electrodes. They are of necessity fragile and subject to breakage like other glass instruments.

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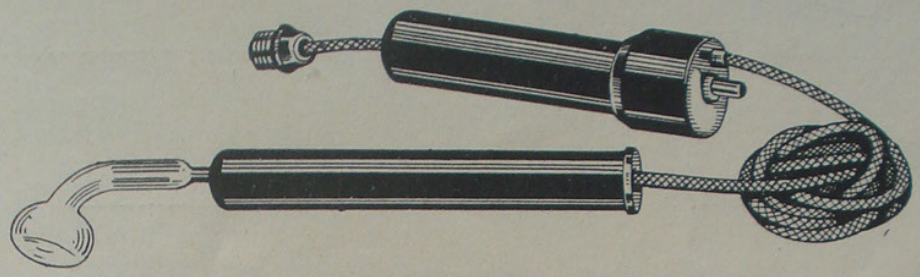
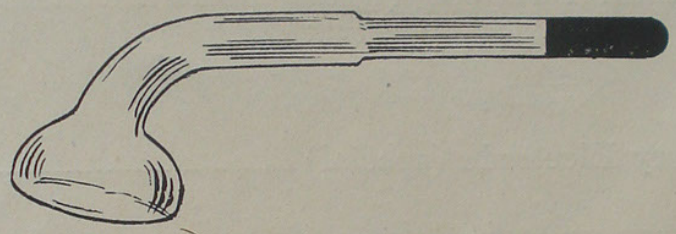
CATALOGUE
ROGERS VIOLET RAY HIGH FREQUENCY GENERATOR, ELECTRODES, AND SUPPLIES

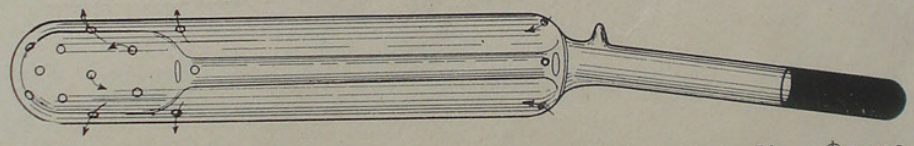


Rogers Violet Ray High Frequency Generator with one No. 1 Surface Electrode.....$25.00



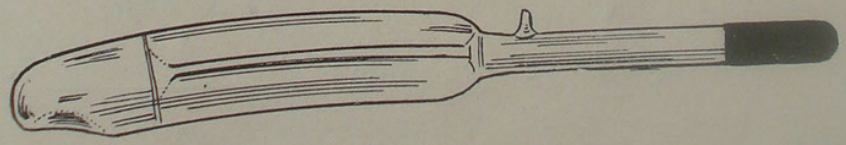
No. 1 Surface Electrode (plain).....$0.75

(An extra electrode of this number should be kept on hand for emergencies)

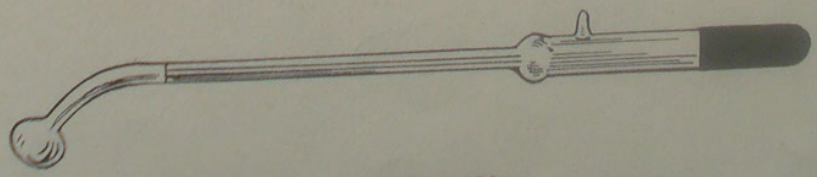


No. 2 (a) Vaginal Electrode (special insulated)....$2.50

This electrode is provided with perforations at extreme end so that ozone can be carried to any desired point.



No. 2 (b) Vaginal Electrode (Insulated, without perforations) $1.75



No. 3 Throat Electrode (insulated).....$1.75

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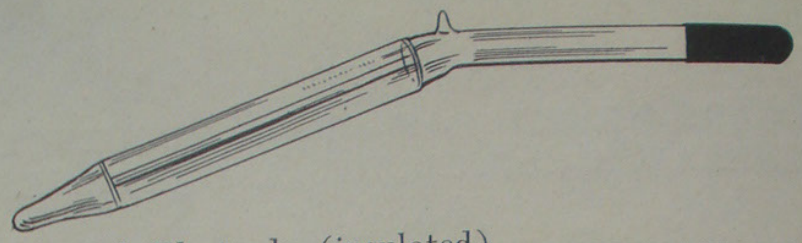
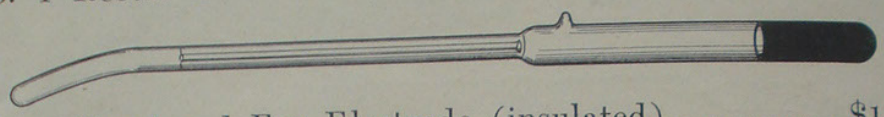
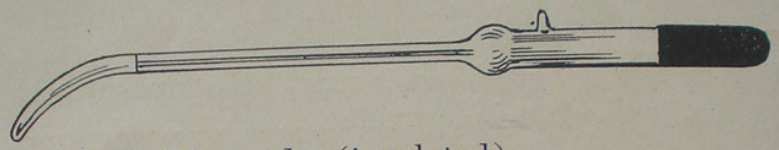


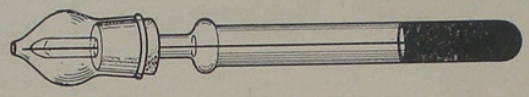
No. 4 Rectal Electrode (insulated) $1.75



No. 5 Nasal and Ear Electrode (insulated) $1.75

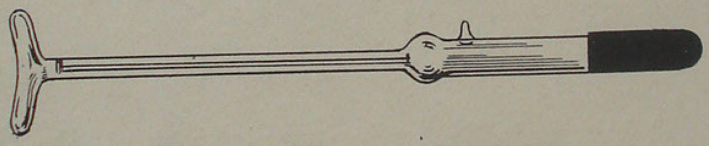


No. 6 Urethral Electrode (insulated) $1.75

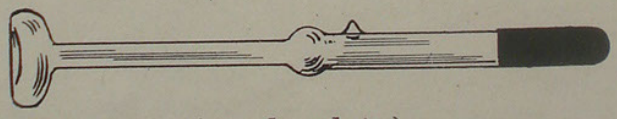


No. 7 Cautery Electrode (special) $1.00

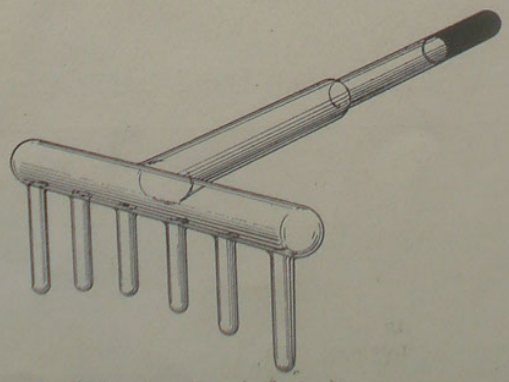
No. 8 Dental Electrode (insulated, special) $1.90



No. 9 Dental Electrode (insulated, special) $1.90



No. 10 Eye Electrode (single plain) $0.75



No. 11 (a) Comb Electrode (plain) $2.00

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.....$1.75

.....$1.75

.....$1.75

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.....$1.90

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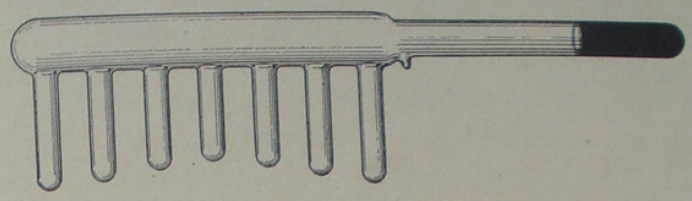
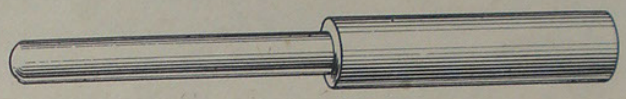
.....$2.00

NOTE—Where plain electrodes are preferred to insulated, they can be supplied, also special shapes at standard prices.

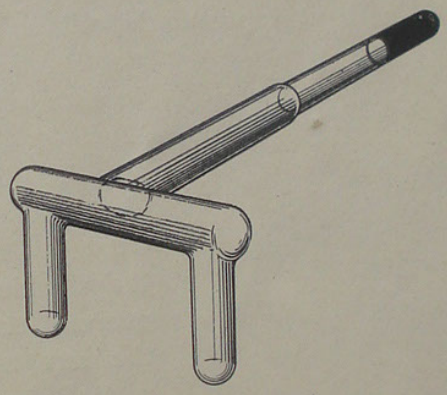


No. 11 (b) Comb Electrode (plain).....$1.50

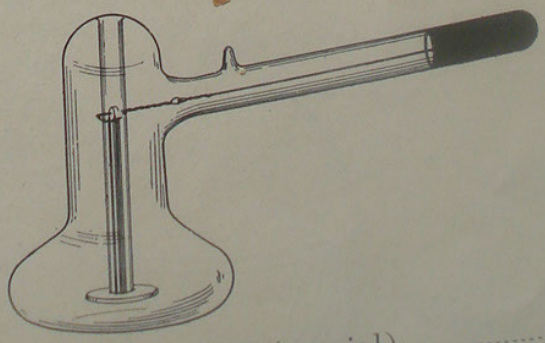


No. 12 Metal Electrode.....$1.00

No. 12 electrode is strong and excellent for general tonic as well as massage, leaving the operator's hands free to draw the current to the area desired by contact of the fingers.



No. 13 Spinal Electrode (plain).....$1.75



No. 14 Condenser Electrode (special).....$3.00

This electrode, as its name indicates, condenses the current, producing a smoother effect and generates extreme heat, which is very desirable in most cases. It should be used especially in deep-seated troubles.

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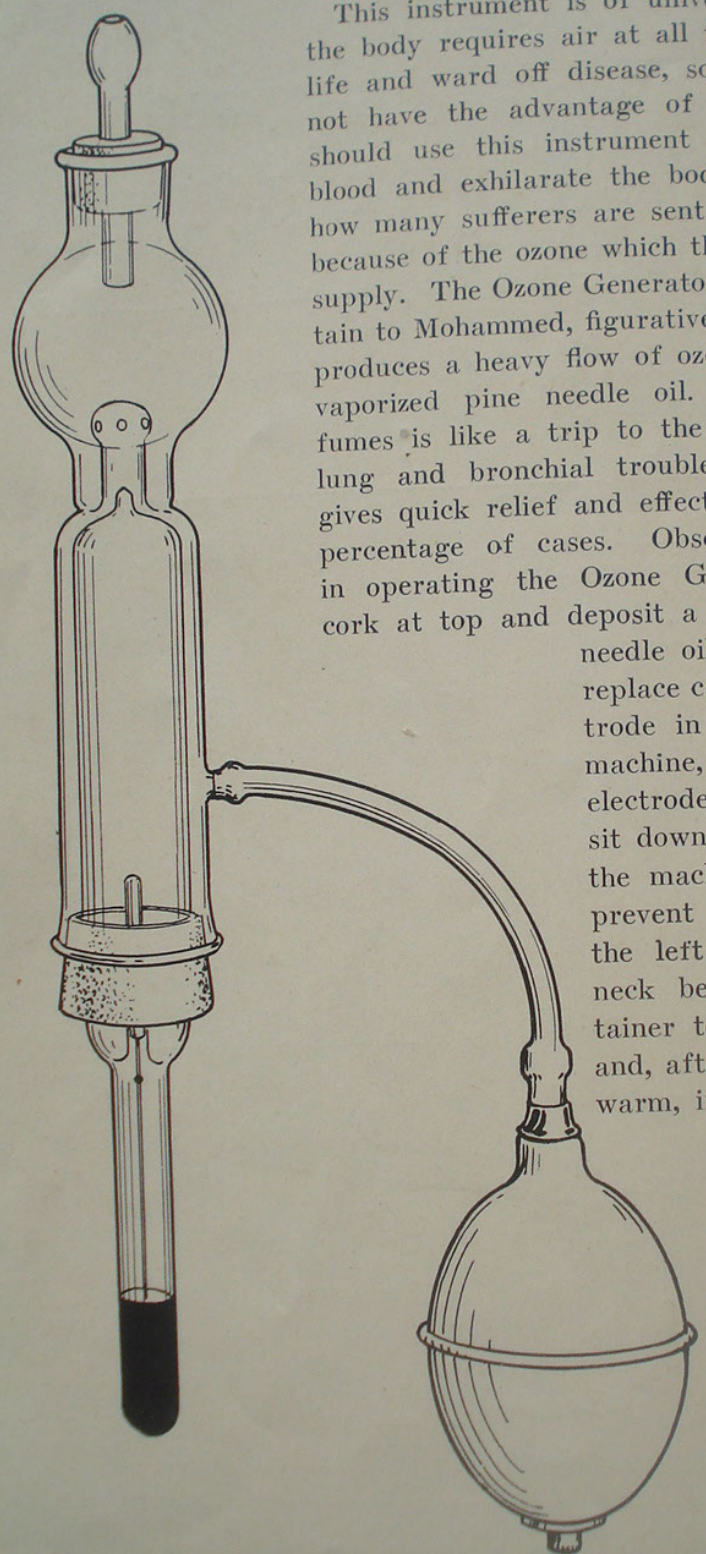
OZONE GENERATOR



This instrument is of universal benefit. As the body requires air at all times to maintain life and ward off disease, so persons who do not have the advantage of good outside air should use this instrument to invigorate the blood and exhilarate the body. We all know how many sufferers are sent to the mountains because of the ozone which those high altitudes supply. The Ozone Generator brings the mountain to Mohammed, figuratively speaking, for it produces a heavy flow of ozone combined with vaporized pine needle oil. To inhale these fumes is like a trip to the pine woods. For lung and bronchial troubles this instrument gives quick relief and effects cures in a large percentage of cases. Observe the following in operating the Ozone Generator. Remove cork at top and deposit a few drops of pine needle oil in receptacle and replace cap. Insert the electrode in the handle of the machine, the same as other electrodes, turn on current, sit down, rest the handle of the machine on the lap to prevent it dropping; hold the left hand around the neck below the glass container to draw the current, and, after the glass becomes warm, insert the small tube in nostril and agitate rubber bulb while inhaling. Alternate between nostrils.

No. 15 Ozone Generator $7.50

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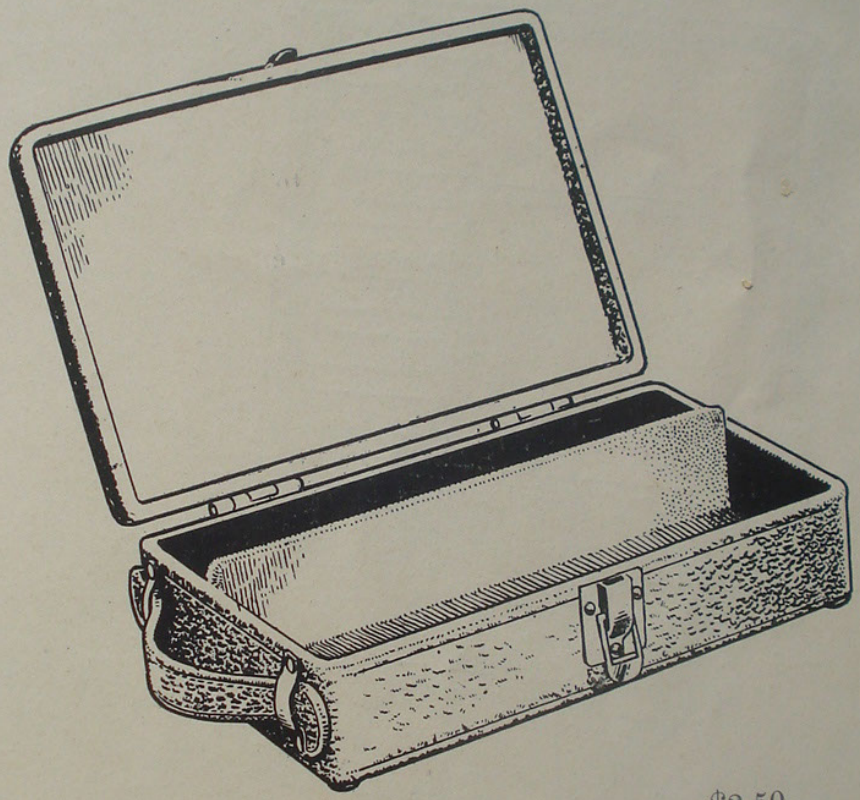

Carrying Case No. 1.....$2.50

This case is bound with leatherette and lined with velveteen. It has one compartment for the generator and another with sufficient room for 4 or 5 electrodes.

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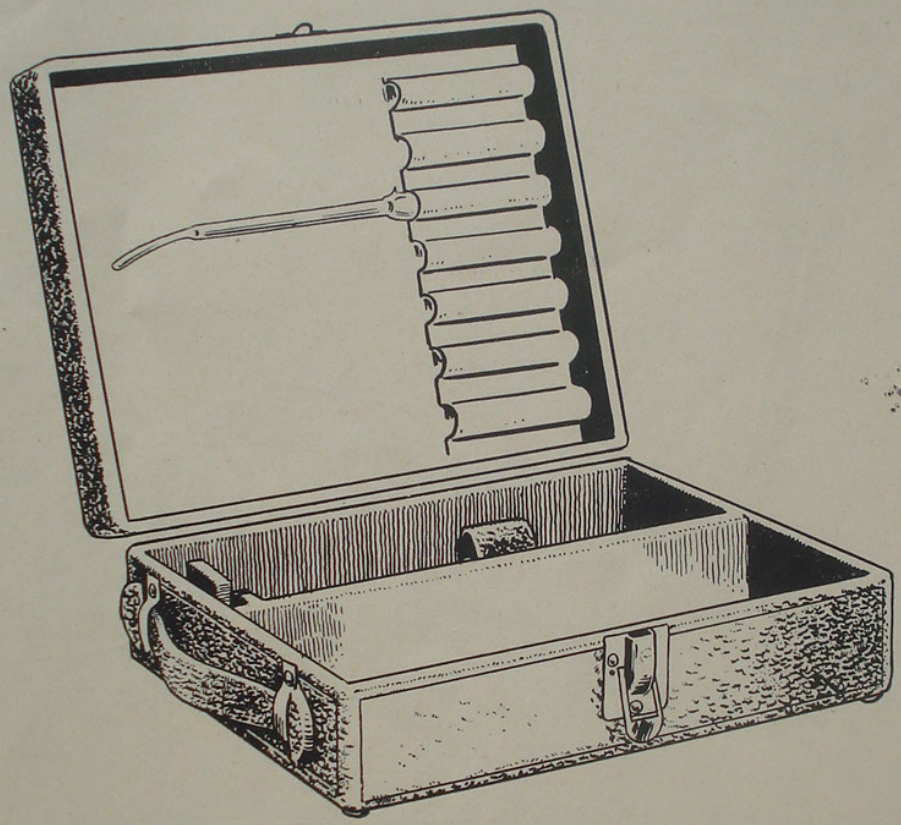

Special Physicians' Carrying Case, No. 2.....$4.00

This case is considerably larger than No. 1, and is provided with pockets in the top for a full set of electrodes. Bound in leatherette, and lined with velveteen.

High F

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HIGH FREQUENCY LUBRICANT

High Frequency Lubricant, per 6 oz. bottle.....$0.75

This preparation is manufactured by The Rogers Electric Laboratories Co. especially for use in connection with electric treatment. For rheumatism, neuralgia, neuritis and kindred ailments, it proves invaluable.

Directions: Pour a teaspoonful of the lubricant in the hollow of the hand and rub over the affected part thoroughly. Then apply the Violet Ray current, which will drive the Lubricant through the pores of the skin and to the source of pain.

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EBERHART'S MANUAL OF HIGH FREQUENCY CURRENTS
(New Edition)

To those who may desire to become more conversant with the practice of electro-therapeutics we recommend the "Working Manual of High Frequency Currents," of which Noble M. Eberhart, A. M., M. S., M. D., is the author. Prof. Eberhart is probably one of the most noted authorities on electro-therapeutics in the country. His manual is largely devoid of the usual technical electric terms and is especially intended for the busy physician who wishes to use high frequency currents and to learn how to do so with as little "red tape" as possible. The volume contains 320 pages, with many illustrations. Bound in cloth.

Price $2.50

HIGH FREQUENCY ELECTRIC CURRENTS IN MEDICINE AND DENTISTRY

By S. H. Monell, M. D.

This work is not only illuminating but the author's style is most interesting and even fascinating. It gives especial attention to the application of high frequency in dentistry, where these currents are finding each day a wider field of usefulness. The author is one of the most illustrious teachers of electro-therapeutics in America. The book is finely illustrated, 8 vo., 448 pp., extra cl.

Price $4.00

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